

SUMMARY

The Hazardous Materials Management and Emergency Response (HAMMER) mission area consists of the HAMMER project, WBS 1.9.1.1, Project Baseline Summary (PBS) HM01.

Volpentest HAMMER's first priority is to deliver hands-on training to the Hanford workforce. During July one hundred thirty-one Hanford site classes were conducted at the Volpentest HAMMER facility, for a total of 2,342 Hanford site student days. Highest attended health and safety classes include Hazardous Waste Operations, Respiratory Protection, Radiation Worker II Requalification, Hanford Incident Command System (HICS) training and Basic Medic First Aid training. Overall satisfaction, rated on a scale of 1 to 5 based on level one evaluations, for the month of July: Course Content 4.40 Instructor(s) 4.57 and Facility 4.51.

A total of 15 Hanford site emergency preparedness courses were presented during the month of July. The courses presented were HICS, Building Emergency Director, Building Warden, and Drill Coordinator.

HAMMER milestone #HMR-99-001 that was completed in June, consisted of two deliverables; 1) to design, implement and test a customer satisfaction system, and 2) to develop the FY 1998 baseline and measure FY 1999 accomplishments for percent of return of non-Hanford facility users, and increase in new non-Hanford facility users. The status for deliverable #1 is the tools of the customer satisfaction system are in place and are being used. To date, the response has been good and the input has been of value. The customer satisfaction system consists of a variety of tools to gather information including Level I evaluations, HAMMER instructor feedback, Hanford Site customer surveys and non-Hanford customer surveys. Most important in this system is the process of follow-up and getting back to the customer with requested information, resolution, or results. The status for deliverable #2 indicates that there were twenty-five User Facility (UF) Agreements issued in FY 1998. Of the twenty-five, nine (approximately 36%) have been repeat customers in FY 1999. Additionally, thirty-seven new UF Agreements have been issued in FY 1999, with five (approximately 14%) being repeat customers.

The new version of H-FACTS (HAMMER Facility Training Scheduler) software was installed on July 15, 1999. This new software version will significantly improve communication and increase staff efficiency through data sharing and additional automation. This software has been successfully providing a tool to schedule training facilities and equipment since its inception at the temporary HAMMER facility. This new version fully automates and integrates the facility/equipment scheduling with inventory control, the Customer Requirements Form (defining customer needs), the HAMMER Course Catalog, Financial Administration, and other pertinent class/student data.

Over the past few months the HAMMER Pond has seen considerable algae growth. To date, bromine and chlorine have been used to control the algae and maintain the clarity of the water. In addition, sulfuric acid has been used to maintain the water's pH at acceptable levels. However, with the recent weather conditions, the additives have not been able to adequately maintain water quality. As a result, HAMMER Operations began evaluating alternatives to the chemicals. A system was discovered that should not only alleviate the algae problem, but also enable us to discontinue use of all chemicals. This

will enhance safer operation of the training water system and allow a considerable cost savings. The system uses continuous laminar flow oxygenation to control both algae and aquatic plant growth. Clean-Flo, the company manufacturing the system, has used it to clean lakes, ponds, reservoirs, and rivers in the United States, Korea, France, and England. Procurement of the system has been initiated and delivery and installation should be completed within the next three weeks.

Milestone performance (EA, DOE-HQ, Field Office, and RL) shows that one milestone (100%) was completed early. Details can be found in the milestone achievement report beginning on page K: 8.

ACCOMPLISHMENTS

- Trained 2,342 Hanford site student days at HAMMER. (Planned)
- Conducted 15 Hanford site emergency preparedness courses. (Planned)
- Tracked customer satisfaction and non-Hanford facility users. (Planned)
- Installed new release of H-FACTS software on July 15, 1999. (Planned)
- Evaluated alternatives on HAMMER Pond additives, and initiated procurement of a new system. (Unplanned)

COST PERFORMANCE (\$M):

	BCWP	ACWP	VARIANCE
HAMMER	\$ 4.2	\$ 5.4	-\$ 1.2

The majority of the \$1.2 million (29 percent) unfavorable cost variance is due to workscope activities associated with the Tulane/Xavier Grant and the HAMMER construction project currently not in the baseline.

SCHEDULE PERFORMANCE (\$M):

	BCWP	BCWS	VARIANCE
HAMMER	\$ 4.2	\$ 4.2	\$0.0

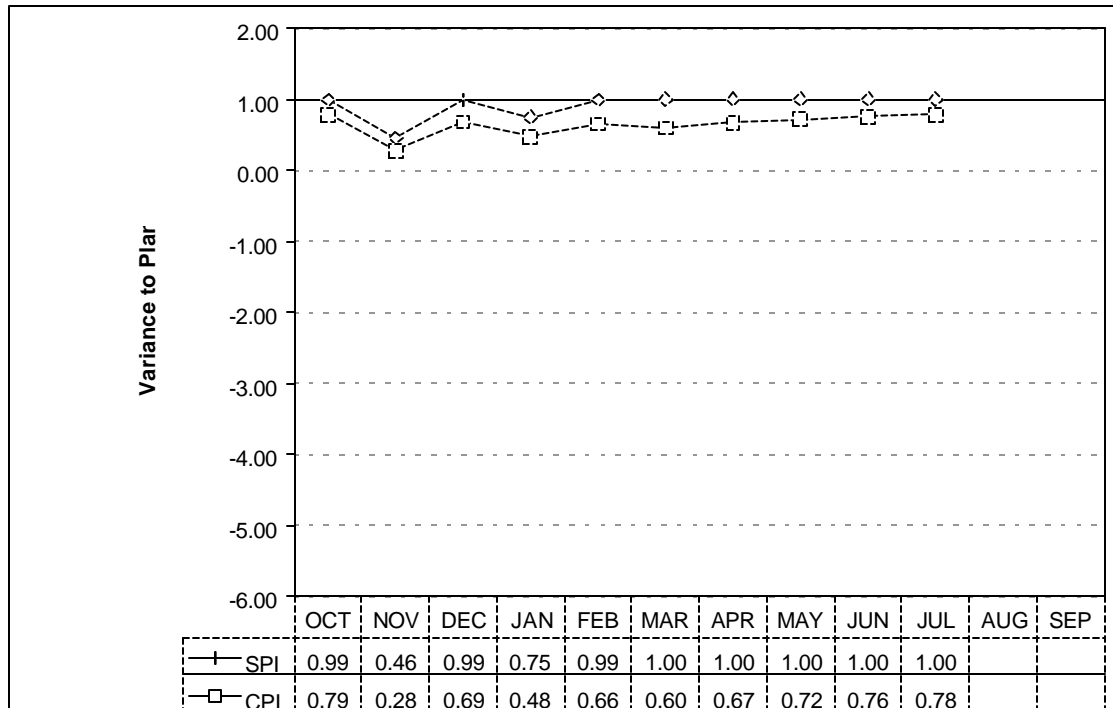
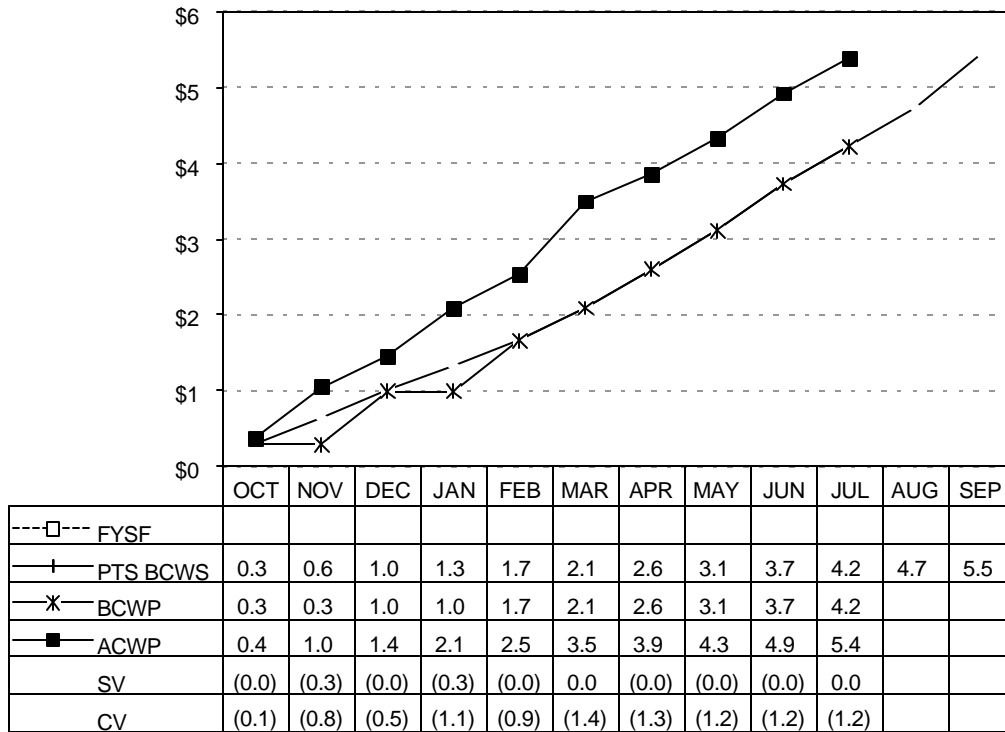
There is no schedule variance.

ISSUES

Nothing to report.

HAMMER WBS 1.9

FY 1999 COST/SCHEDULE PERFORMANCE - ALL FUND TYPES Cumulative to Date Status



HAMMER WBS 1.9

			FYTD					AUTH	PTS
			BCWS	BCWP	ACWP	SV	CV	BSLN	BCWS
PBS									
HM01	HAMMER	Expense	4.2	4.2	5.0	0.0	(0.8)	5.5	5.5
		CENRTC	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		GPP/LI	0.0	0.0	0.4	0.0	(0.4)	0.0	0.0
	Total	HAMMER	4.2	4.2	5.4	0.0	(1.2)	5.5	5.5

\$ In Millions

COST VARIANCE ANALYSIS: (-\$1.2M)

WBS/PBS TITLE

1.9.1.1/HM01 HAMMER

Description and Cause: The majority of the unfavorable cost variance is due to workscope activities associated with the Tulane/Xavier Grant and the HAMMER construction project not in the current baseline.

Impact: Minimal; funding has been authorized.

Corrective Action: A change request is in process to add this workscope and budget to the FY 1999 baseline.

SCHEDULE VARIANCE ANALYSIS: (\$0.0M)

WBS

TITLE

1.9.1.1/HM01 HAMMER

Description and Cause: There is no schedule variance.

Impact: None.

Corrective Action: None.

HAMMER – WBS 1.9

MILESTONE ACHIEVEMENT

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			TOTAL FY 1999
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	
Enforceable Agreement	0	0	0	0	0	0	0	0
DOE-HQ	0	0	0	0	0	0	0	0
FO	0	0	0	0	0	0	0	0
RL	1	0	0	0	0	2	0	3
Total Project	1	0	0	0	0	2	0	3

MILESTONE EXCEPTION REPORT

<u>Number/WBS</u>	<u>Level</u>	<u>Milestone Title</u>	<u>Baseline Date</u>	<u>Forecast Date</u>
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OVERDUE - 0

FORECAST LATE - 0